

APPROVED	O.G. FIG.	
BY	CLASS	SUBCLASS
DRAFTSMAN		

FO8080"22T52660

9	18	27	36	45	54
5' NNA GTA AAA GCA GCC GAA TCA ATT GAT CAG AAA AAT GAT TCA CAG CTG GTA ATA					
63	72	81	90	99	108
GAA GCT TAT AAA TCA GGG TTT GAG CCT CCT GGA GAC ATT GAA TTT GAG GAT TAC					
117	126	135	144	153	162
ACT CAG CCA ATG AAG CGC ACT GTG TCA GAT AAC AGC CTT TCA AAT TCC AGA GGA					
M K R T V S D N S L S N S R G					
171	180	189	198	207	216
GAA GGC AAA CCA GAC CTC AAA TTT GGT GGC AAA TCC AAA GGA AAG TTA TGG CCG					
E G K P D L K F G G K S K G K L W P					
225	234	243	252	261	270
TTC ATC AAA AAG AAT AAG GGT GCA ACA CCG GAG GAT TTC AGC AAC CTC CCA CCT					
F I K K N K G A T P E D F S N L P P					
279	288	297	306	315	324
GAA CAA AGA AGG AAA AAG CTG CAG CAG AAA GTC GAT GAG TTA AAT AAA GAA ATT					
E Q R R K K L Q Q K V D E L N K E I					
333	342	351	360	369	378
CAG AAG GAG ATG GAT CAA AGA GAT GCC ATA ACA AAA ATG AAA GAT GTC TAC CTA					
Q K E M D Q Q R D A I T K M K D V Y L					

FIGURE 1A

APPROVED	O. G. FIG.	
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387	396	405	414	423	432
AAG AAT CCT CAG ATG GGA GAC CCA GCC AGT TTG GAT CAC AAA TTA GCA GAA GTC					
K N P Q M G D P A S L D H K L A E V					
441	450	459	468	477	486
AGC CAA AAT ATA GAG AAA CTG CGA GTA GAG ACC CAG AAA TTT GAG GCC TGG CTG					
S Q N I E K L R V E T Q K F E A W L					
495	504	513	522	531	540
GCT GAG GTT GAA GGC CGG CTC CCA GCA CGC AAC GAG CAG GCG CGC CAG AGC					
A E V E G R L P A R N E Q A R R Q S					
549	558	567	576	585	594
GGA CTG TAC GAC AGC CAG AAC CCA CCC ACA GTC AAC AAC TGC GCC CAG GAC CGT					
G L Y D S Q N P P T V N N C A Q D R					
603	612	621	630	639	648
GAG AGC CCA GAT GGC AGT TAC ACA GAG GAG CAG AGT CAG GAG AGT GAG ATG AAG					
E S P D G S Y T E E Q S Q E S E M K					
657	666	675	684	693	702
GTG CTG GCC ACG GAT TTT GAC GAC GAG TTT GAT GAT GAG GAG CCC CTC CCT GCC					
V L A T D F D D E E F D D E E P L P A					
711	720	729	738	747	756
ATA GGG ACG TGC AAA GCT CTC TAC ACA TTT GAA GGT CAG AAT GAA GGA ACG ATT					
I G T C K A L Y T F E G Q N E G T I					

FIGURE 1B

APPROVED	O. G. FIG.	
BY	CLASS	SUBCLASS
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765	774	783	792	801	810
TCC GTA GTT GAA GGA GAA ACA TTG TAT GTC ATA GAG GAA GAC AAA GGC GAT GGC					
S V V E G E T L Y V I E E D K G D G					
819	828	837	846	855	864
TGG ACC CGC ATT CGG AGA AAT GAA GAT GAA GAG GGT TAT GTC CCC ACT TCA TAT					
W T R I R R N E D E E G Y V P T S Y					
873	882	891	900	909	918
GTC GAA GTC TGT TTG GAC AAA AAT GCC AAA GGT GCT AAG ACT TAT ATT TAA TAC					
V E V C L D K N A K G A K T Y I					
927	936	945	954	963	972
CAT AAA AAA AAA CTT AAA AAA AAT GGA GTT GTT TCT CCC CAC AAC CGT GAC					
981	990	999	1008	1017	1026
TGT TAC AGG CAG TTC CTC AAG AGA CTG GCT GCT GGC AAG CAC CAT AAT GCA CGT TCT					
1035	1044	1053	1062	1071	1080
CCT GTA GTC TCA CGT GGA CTT CAG GGT CCG GGC ACC TGA ATT GCC TTG TCT AGT					
1089	1098	1107	1116	1125	1134
TTG GGC TGT AAT CAA GTT TCA CTT GCT GAT GAA ATT TTA TGT GGA AAG CTG CCA					

FIGURE 1C

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1143	1152	1161	1170	1179	1188
ACC GCC AAC TTA CAG CTA TGT CAT TCA AAA TCT GAT AAA CAT TTC TTC TTT TGG					
1197	1206	1215	1224	1233	1242
CGG TAT CTG TAG ATT AAA AAA AAA GTT GCA TTG TAG CTT CTC ATC TTT CTG AAT					
1251	1260	1269	1278	1287	1296
TTA AAA GCC GGC ACG CAT CAT GCA GGT GCC AAA GAC TTC CCT ACT CTT GTT TAT					
1305	1314	1323	1332	1341	1350
ATC TAG TAT CCA CCA TAC ACT GAG CTA CAT TAG GTG GTT ACA GAT TGT AAC TTA					
1359	1368	1377	1386	1395	1404
ATA AAC TGA ACT GTG TTA GTT TGT TAA ATT GGA TAC TCA TTC ACT TGG GGA GGA					
1413	1422	1431	1440	1449	1458
GTC ACA AGT GAA ATA CCA TCT CTT TCT TGA CTA AAG CGG TAA ATA AGG TTC TTA					

TTG 3'

FIGURE 1D

[illegible]

FIGURE 2A

FORBIO" 22T52660

441	CCC GAN CCC	450	CCC GCT AGC	459	CCA CCG GCC	468	AGC AGC AGC	477	AGC AGC TCA	486	CAG
	P X P A S		A S A P P		A P A P P		S S S S N		S A S Q		
495	AAG GAG AGC	504	TCT GAA GAG	513	CCT GAG CCT	522	TCA GAA GAG	531	CAG GAG ACC	540	CCC
	D T K E S		S S S E E		P P P P S		E E E S Q		D T P		
549	ACG GAG TTT	558	GAT GAG GAT	567	TTC GAG GAG	576	GAA CCC ACA	585	TCC CCC ATA	594	GGT
	I Y T E F		D E D E F		F D F E E		E E P T S		P I G		
603	GTG GCC ATC	612	TAC CAC TTT	621	GAA GAG GAG	630	TCC AGC GAG	639	ACT ATC TCT	648	ATG
	H C V A I		Y Y H C A		E F F G S		S S S E G		T I S M		
657	GAG GGT GAA	666	CTC AGT CTT	675	ATG GAA GAA	684	GAC AAA GGG	693	GAC GGC TGG	702	ACC
	A E G E D		L S L M E		M L M E D		D K G D G		W T		
711	AGG CGG AAA	720	GAG GGA GGC	729	GAG GGC GGC	738	GTG CCC ACC	747	TCC TAC CTC	756	CGA
	R V R R K		E G G G E		G G G E Y		V P T S Y		L R		
765	ACG CTC AAT	774	TGA ACC C								
	V T L N										

FIGURE2B

FO8080" 22T52660

BY	CLASS	SUBCLASS
DRAFTSMAN		

1	MKRTVSDNSLSNSRGEKPPDLKFGGKSKGKLWPF	IKK	KNKG	865744	
1	-	-	-	-	1816529
1	KIHC	-	-	-	g1255033
41	ATPEDFSNLPPEQRRKKLQOKVD	EELNKEIQKE	MDQ	DAIT	865744
1	-	-	-	-	1816529
13	VTPEDFSNTFPPEQRRKKLQOKVD	DLNR	EIQKE	T	g1255033
81	KMKDVYLYLKNPQMGDPPASLDHKKLA	EVSQNI	EKL	RVET	865744
1	-	-	-	-	1816529
53	KMKDVYLYLKNPQMGDPPASLDQKL	TEVTQNI	EKL	LEAQ	g1255033
121	AWLA	EV	EGR	-	865744
40	AWLA	EA	ESR	-	1816529
93	AWLA	EV	EGR	-	g1255033

FIGURE 3A

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159	R E S P D G S Y T E E Q S Q E S E M K V L A T D F D D E F D D E E P L P A I G T	865744
80	S Q D T K E S S E P P S E S Q D T P I Y T E F D E D F E - E E P T S P I G H	1816529
131	R E S P D G S Y T E E Q S Q E S E H K V L A P D F D D E F D D E E P L P A I G T	g1255033
199	C K A L Y T F E G Q N E G T I S V V E G E T L Y V I E E D K G D G W T R I R R N	865744
119	C V A I Y H F E G S S E G T I S M A E G E D L S L M E E D K G D G W T R V R R K	1816529
171	C K A L Y T F E G Q N E G T I S V V E G E T L S V I E E D K G D G W T R I R R N	g1255033
239	E D E E G Y V P T S Y V E V C L D K N A K G A K T Y I	865744
159	E G G E G Y V P T S Y L R V T L N	1816529
211	E D E E G Y F P T S Y V E V Y L D K N A K G A K T Y I	g1255033

FIGURE 3B